

To help alleviate this problem, the secondary conveyor belt 70 can be routed around the platen 26 and underneath the window covering 82. The secondary conveyor belt 70 would then operate to "carry" the center portion of the window covering 82 as it travels across the platen 26, resulting in less drag. In one embodiment of the invention, the secondary conveyor belt 70 would wrap around the nip drive rolls 58 from the first and second nip units 30 and 32, while also wrapping around one or more other pivot points 90. The secondary drive belt 70 could be made of a variety of materials in order to control the amount of heat that passes from the platen 26 to the window covering 82. Additionally, the secondary drive belt 70 could have a variety of thicknesses and widths depending upon the particular amount of drag in the window covering 82 or the amount of heat that is to be applied to the window covering 82.

While preferred embodiments have been shown and described, it should be understood the changes and modifications can be made therein without departing from the invention in its broader aspects. For example, it is possible that the number and or position of the upper and lower heating elements could be altered in order to supply a particular desired amount in range of heat to the window covering. Furthermore, it is also possible that devices other than nip units or a tentering frame could be used to apply tension to the window covering in one or more directions. The exact placement of the individual nip unit could also be altered and it may be possible to use cooling means other than fans to draw air away from the device. Various features of the invention are described in the following claims.

WHAT IS CLAIMED IS:

1. A method of relieving stress in a fabric, comprising the steps of:

2 providing a fabric having at least three layers;
3 feeding the fabric along a pathway;
4 applying a tension to the fabric in a direction substantially
5 perpendicular to the pathway;
6 heating the fabric; and
7 removing the tension from the fabric in the direction substantially
8 perpendicular to the pathway.

1 2. The method of claim 1, wherein a tentering frame is used for
2 applying tension to the fabric in the direction substantially perpendicular
3 to the pathway.

1 3. The method of claim 2, further comprising the steps of:
2 before heating, applying a tension to the fabric in a direction
3 substantially parallel to the pathway; and
4 after heating, removing the tension from the fabric in the direction
5 substantially perpendicular to the pathway.

1 4. The method of claim 3, wherein the fabric comprises a window
2 covering including first and second sheets of material coupled to each
3 other by a plurality of vanes.

1 5. The method of claim 4, wherein each side of the tentering frame
2 contacts the respective substantially opposite edges of the first and
3 second sheets of sheer material.

1 6. The method of claim 3, wherein a nip system is used for applying
2 the tension to the window covering in the direction substantially parallel
3 to the pathway.

1 7. The method of claim 6, wherein the nip system includes a plurality
2 of nips along the pathway for contacting the window covering.

1 8. The method of claim 7, further comprising the step of carrying the
2 window covering along the pathway with a drive belt assembly.

1 9. A system for relieving stress in a three-dimensional window
2 covering, comprising:

3 a tentering frame for applying tension to a three-dimensional
4 window covering in a first direction; and

5 a plurality of heating elements located along the tentering frame for
6 heating the window covering,

7 wherein the tentering frame carries the window covering while
8 under tension in the first direction along a pathway adjacent to the
9 heating elements.

1 10. The system of claim 9, further comprising a plurality of nip units
2 along the pathway for applying tension to the window covering in a
3 second direction.

1 11. The system of claim 10, wherein the heating elements comprise a
2 first plurality of heating elements on a first side of the pathway and

3 second plurality of heating elements on a second side of the pathway
4 substantially opposite the first side of the pathway.

1 12. The system of claim 11, wherein the first and second pluralities of
2 heating elements each comprise three heating elements.

1 13. The system of claim 11, wherein the window covering comprises a
2 first sheer material and a second sheer material coupled to each other by
3 at least one vane, the first and second sheer materials having first and
4 second edges located substantially parallel to the pathway, and wherein
5 the tenting frame applies tension to the window covering in the first
6 direction by contacting the first edge of the first sheer material and the
7 second edge of the second sheer material.

1 14. The system of claim 11, further comprising a platen located
2 between the first and second pluralities of heating elements, wherein the
3 window covering contacts the platen as the window covering is carried
4 by the tenting frame.

1 15. The system of claim 9, further comprising a conveyor belt along the
2 pathway adjacent to the heating elements for carrying the window
3 covering across the platen.

1 16. A method of relieving stress in a three-dimensional fabric,
2 comprising the steps of:

3 providing a three-dimensional fabric comprises multiple materials;
4 feeding the fabric along a pathway;

5 tensioning the fabric in a first direction;
6 applying heat to the fabric as the fabric travels along the pathway;
7 and
8 removing the tension from the fabric in the first direction.

1 17. The method of claim 16, further comprising the steps of:

2 tensioning the fabric in a second direction substantially
3 perpendicular to the first direction; and
4 removing the tension from the fabric in the second direction.

1 18. The method of claim 16, wherein a tentering frame along the
2 pathway is used for tensioning the fabric in the first direction.

1 19. The method of claim 17, wherein a plurality of nip units along the
2 pathway are used for tensioning the fabric in the second direction.

1 20. The method of claim 16, further comprising the step of carrying the
2 fabric via a conveyor belt along at least a portion of the pathway.